

# Acreage and Proportionate Extent of the Soils

Benton County, Iowa

Map symbol	Map unit name	Acres	Percent
11B	Colo-Ely complex, 2 to 5 percent slopes	62,346	13.6
41	Sparta loamy fine sand, 0 to 2 percent slopes	620	0.1
41B	Sparta loamy fine sand, 2 to 5 percent slopes	2,452	0.5
41C	Sparta loamy fine sand, 5 to 9 percent slopes	1,552	0.3
41D	Sparta loamy fine sand, 9 to 14 percent slopes	422	*
51	Vesser silt loam, 0 to 2 percent slopes	496	0.1
54	Zook silty clay loam, 0 to 2 percent slopes	1,239	0.3
63B	Chelsea loamy fine sand, 1 to 5 percent slopes	962	0.2
63C	Chelsea loamy fine sand, 5 to 9 percent slopes	1,622	0.4
63D	Chelsea loamy fine sand, 9 to 18 percent slopes	1,059	0.2
63F	Chelsea loamy fine sand, 18 to 25 percent slopes	352	*
65E2	Lindley loam, 14 to 18 percent slopes, moderately eroded	585	0.1
65F	Lindley loam, 18 to 25 percent slopes	421	*
65F3	Lindley clay loam, 18 to 25 percent slopes, severely eroded	256	*
83B	Kenyon loam, 2 to 5 percent slopes	11,377	2.5
83C	Kenyon loam, 5 to 9 percent slopes	9,173	2.0
83C2	Kenyon loam, 5 to 9 percent slopes, eroded	15,117	3.3
83D	Kenyon loam, 9 to 14 percent slopes	380	*
83D2	Kenyon loam, 9 to 14 percent slopes, eroded	1,414	0.3
84	Clyde silty clay loam, 0 to 3 percent slopes	1,673	0.4
109C	Backbone fine sandy loam, 4 to 12 percent slopes	343	*
110B	Lamont fine sandy loam, 2 to 5 percent slopes	935	0.2
110C	Lamont fine sandy loam, 5 to 9 percent slopes	548	0.1
118	Garwin silty clay loam, 0 to 2 percent slopes	2,774	0.6
119	Muscatine silty clay loam, 0 to 2 percent slopes	7,616	1.7
119B	Muscatine silty clay loam, 2 to 5 percent slopes	7,668	1.7
120	Tama silty clay loam, 0 to 2 percent slopes	872	0.2
120B	Tama silty clay loam, 2 to 5 percent slopes	24,852	5.4
120C	Tama silty clay loam, 5 to 9 percent slopes	2,852	0.6
120C2	Tama silty clay loam, 5 to 9 percent slopes, moderately eroded	1,534	0.3
122	Sperry silt loam, 0 to 1 percent slopes	113	*
127	Wiota silt loam, loamy substratum, 1 to 3 percent slopes	1,647	0.4
133	Colo silty clay loam, 0 to 2 percent slopes	34,615	7.5
159	Finchford loamy sand, 0 to 2 percent slopes	826	0.2
162B	Downs silt loam, 2 to 5 percent slopes	2,012	0.4
162C	Downs silt loam, 5 to 9 percent slopes	1,514	0.3
162C2	Downs silt loam, 5 to 9 percent slopes, moderately eroded	1,674	0.4
162D	Downs silt loam, 9 to 14 percent slopes	523	0.1
162D2	Downs silt loam, 9 to 14 percent slopes, moderately eroded	811	0.2
163B	Fayette silt loam, 2 to 5 percent slopes	2,054	0.4
163C	Fayette silt loam, 5 to 9 percent slopes	3,204	0.7
163C2	Fayette silt loam, 5 to 9 percent slopes, moderately eroded	4,276	0.9
163D	Fayette silt loam, 9 to 14 percent slopes	1,596	0.3
163D2	Fayette silt loam, 9 to 14 percent slopes, moderately eroded	3,672	0.8
163E	Fayette silt loam, 14 to 18 percent slopes	1,905	0.4
163E2	Fayette silt loam, 14 to 18 percent slopes, moderately eroded	3,620	0.8
163F	Fayette silt loam, 18 to 25 percent slopes	3,814	0.8
163F2	Fayette silt loam, 18 to 25 percent slopes, moderately eroded	1,885	0.4
163G	Fayette silt loam, 25 to 40 percent slopes	2,745	0.6
171B	Bassett loam, 2 to 5 percent slopes	729	0.2

\* See footnote at end of table.

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171C	Bassett loam, 5 to 9 percent slopes	524	0.1
171C2	Bassett loam, 5 to 9 percent slopes, eroded	1,065	0.2
171D	Bassett loam, 9 to 14 percent slopes	420	*
171D2	Bassett loam, 9 to 14 percent slopes, eroded	1,133	0.2
175	Dickinson fine sandy loam, 0 to 2 percent slopes	386	*
175B	Dickinson fine sandy loam, 2 to 5 percent slopes	3,213	0.7
175C	Dickinson fine sandy loam, 5 to 9 percent slopes	1,171	0.3
177	Saude loam, 0 to 2 percent slopes	406	*
177B	Saude loam, 2 to 5 percent slopes	649	0.1
177C	Saude loam, 5 to 9 percent slopes	447	*
178	Waukee loam, 0 to 2 percent slopes	1,660	0.4
178B	Waukee loam, 2 to 5 percent slopes	1,349	0.3
184B	Klinger silty clay loam, 1 to 4 percent slopes	1,929	0.4
198B	Floyd loam, 1 to 4 percent slopes	1,509	0.3
207C	Whalan loam, 20 to 30 inches to limestone, 2 to 9 percent slope	190	*
214C	Rockton loam, 20 to 30 inches to limestone, 2 to 9 percent slopes	406	*
220	Nodaway silt loam, 0 to 2 percent slopes	779	0.2
221B	Palms muck, 1 to 4 percent slopes	133	*
284	Flagler sandy loam, 0 to 2 percent slopes	911	0.2
284B	Flagler sandy loam, 2 to 5 percent slopes	489	0.1
285C	Burkhardt sandy loam, 2 to 9 percent slopes	319	*
291	Atterberry silt loam, 1 to 3 percent slopes	573	0.1
293C	Chelsea-Lamont-Fayette complex, 5 to 9 percent slopes	1,882	0.4
293D	Chelsea-Lamont-Fayette complex, 9 to 18 percent slopes	3,441	0.7
293F	Chelsea-Lamont-Fayette complex, 18 to 30 percent slopes	1,619	0.4
302B	Coggon loam, 2 to 5 percent slopes	212	*
302C	Coggon loam, 5 to 9 percent slopes	290	*
302C2	Coggon loam, 5 to 9 percent slopes, moderately eroded	209	*
315	Fluvaquents, sandy and loamy	7,968	1.7
350	Waukegan silt loam, 0 to 2 percent slopes	1,829	0.4
350B	Waukegan silt loam, 2 to 5 percent slopes	1,853	0.4
352B	Whittier silt loam, 1 to 4 percent slopes	406	*
377B	Dinsdale silty clay loam, 2 to 5 percent slopes	79,679	17.3
377C	Dinsdale silty clay loam, 5 to 9 percent slopes	31,162	6.8
377C2	Dinsdale silty clay loam, 5 to 9 percent slopes, moderately eroded	9,389	2.0
382	Maxfield silty clay loam, 0 to 2 percent slopes	277	*
391B	Clyde-Floyd complex, 1 to 4 percent slopes	11,469	2.5
398	Tripoli clay loam, 0 to 2 percent slopes	301	*
399	Readlyn loam, 1 to 3 percent slopes	2,945	0.6
407B	Schley loam, 1 to 4 percent slopes	888	0.2
408B	Olin fine sandy loam, 2 to 5 percent slopes	2,682	0.6
408C	Olin fine sandy loam, 5 to 9 percent slopes	1,559	0.3
412C	Sogn loam, 5 to 9 percent slopes	270	*
412D	Sogn loam, 9 to 18 percent slopes	431	*
412F	Sogn loam, 18 to 40 percent slopes	548	0.1
420	Tama silty clay loam, benches, 0 to 2 percent slopes	3,420	0.7
420B	Tama silty clay loam, benches, 2 to 5 percent slopes	938	0.2
426B	Aredale loam, 2 to 5 percent slopes	2,477	0.5
426C	Aredale loam, 5 to 9 percent slopes	1,422	0.3
428B	Ely silt loam, 2 to 5 percent slopes	5,902	1.3

\* See footnote at end of table.

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485	Spillville loam, 0 to 2 percent slopes	3,048	0.7
536	Hanlon fine sandy loam, 0 to 2 percent slopes	327	*
729B	Nodaway-Radford silt loams, 2 to 5 percent slopes	2,350	0.5
771B	Waubeek silt loam, 2 to 5 percent slopes	996	0.2
771C	Waubeek silt loam, 5 to 9 percent slopes	666	0.1
771C2	Waubeek silt loam, 5 to 9 percent slopes, moderately eroded	954	0.2
778	Sattre loam, 0 to 2 percent slopes	235	*
778B	Sattre loam, 2 to 5 percent slopes	337	*
782B	Donnan silt loam, 2 to 5 percent slopes	126	*
782C2	Donnan silt loam, 5 to 9 percent slopes, moderately eroded	419	*
1043	Bremer silty clay loam, sandy substratum, 0 to 2 percent slopes	2,040	0.4
1088	Nevin silty clay loam, sandy substratum, 0 to 2 percent slopes	3,726	0.8
1119	Muscataine silty clay loam, benches, 0 to 2 percent slopes	2,955	0.6
1133	Colo silty clay loam, channeled, 0 to 2 percent slopes	474	0.1
1160	Walford silt loam, sandy substratum, 0 to 1 percent slopes	1,130	0.2
1226	Lawler loam, 24 to 40 inches to sand and gravel, 0 to 2 percent slopes	1,302	0.3
1291	Atterberry silt loam, benches, 0 to 2 percent slopes	691	0.2
1485	Spillville loam, channeled, 0 to 2 percent slopes	943	0.2
1688	Koszta silt loam, loamy substratum, 0 to 2 percent slopes	987	0.2
1727	Udolpho loam, 0 to 2 percent slopes	518	0.1
5030	Pits, quarries	367	*
5040	Orthents, loamy	232	*
AW	Animal waste lagoon	2	*
INT	Intermittent water	150	*
SL	Sewage lagoon	40	*
W	Water	2,909	0.6
Total		459,800	100.0

\* Less than 0.1 percent.